

991 **ABSTRACT OF THE DISCLOSURE**

992 A capsule containing a first chemical composition useful for treating a second chemical
993 composition is disclosed. The capsule is comprised of a hollow interior having the first chemical
994 composition enclosed and maintained therein by a membrane. The first chemical composition
995 and second chemical composition are reactive each with the other but neither is reactive with,
996 soluble in or a solvent for the material of construction of the membrane. In addition, the
997 membrane, which is comprised of at least one first material, is not soluble in water, but is
998 permeable to water. The first material is a polyurethane-vinyl polymer. The membrane is
999 further comprised of a second material fixed in a matrix of the first material. The first chemical
1000 composition is selected from enzymes, and organic and inorganic acids, bases, salts and
1001 oxidizing agents, such as medicines, pesticides, algaecides, herbicides, cosmetics, laundry
1002 products, pigments, polymerization initiators, cross linking agents, viscosity reducing agents
1003 and additives for adjusting the setting properties of hydraulic cement.

1004 A method of releasing the first chemical composition from the capsule to enable reactive
1005 contact with the second chemical composition is also disclosed.